

ABSTRACT

A piezoceramic actuator includes a monolithic stack of thin piezoceramic films having internal electrodes arranged between the films, and rail-like elements electrochemically shaped onto the internal electrodes on outer sides of the stack. The internal electrodes can thereby be interconnected, via a suitable conductive element, in electrically conductive fashion at a certain distance from the side edges of the piezoceramic films so that these films form a continuous planar electrically conductive ribbon.